

Please add the following claims:

95. An optical switch, comprising:

an array of actuated mirrors configured for switching an optical beam from an input port to an output port; and

at least one imaging component configured for positioning said optical beam onto at least one array of actuated mirrors.

96. An optical switch, comprising:

an array of actuated mirrors configured for switching an optical beam from at least one input port to at least one output port; and

at least one imaging component configured for positioning said optical beam onto at least one array of actuated mirrors.

97. An optical switch, comprising:

an array of actuated mirrors configured for switching an optical beam from any input port to any output port; and

at least one imaging component configured for positioning said optical beam onto at least one array of actuated mirrors.

98. An optical switch, comprising:

at least one array of actuated mirrors configured for switching an optical beam from an input port to an output port; and

at least one imaging component configured for positioning said optical beam onto at least one array of actuated mirrors.

99. An optical switch, comprising:

at least one array of actuated mirrors configured for switching an optical beam from at least one input port to at least one output port; and

at least one imaging component configured for positioning said optical beam onto at least one array of actuated mirrors.

100. An optical switch, comprising:

at least one array of actuated mirrors configured for switching an optical beam from any input port to any output port; and

at least one imaging component configured for positioning said optical beam onto at least one array of actuated mirrors.

101. An optical switch as recited in claim 95, 96, 97, 98, 99 or 100, wherein said imaging component comprises at least one lens.

102. An optical switch, comprising:

an array of actuated mirrors configured for switching an optical beam from an input port to an output port;

wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input

port.

103. An optical switch, comprising:

an array of actuated mirrors configured for switching an optical beam from at least one input port to at least one output port;

wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port.

104. An optical switch, comprising:

an array of actuated mirrors configured for switching an optical beam from any input port to any output port;

wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port.

105. An optical switch, comprising:

at least one array of actuated mirrors configured for switching an optical beam from an input port to an output port;

wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port.

106. An optical switch, comprising:
at least one array of actuated mirrors configured for switching an optical beam from at least one input port to at least one output port;
wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port.

107. An optical switch, comprising:
at least one array of actuated mirrors configured for switching an optical beam from any input port to any output port;
wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port.

108. An optical switch, comprising:
an array of actuated mirrors configured for switching an optical beam from an input port to an output port;
wherein said optical switch is configured for a specific output port to receive an optical beam from a corresponding one specific mirror in at least one array of actuated mirrors.

109. An optical switch, comprising:
an array of actuated mirrors configured for switching an optical beam from at

least one input port to at least one output port;

wherein said optical switch is configured for a specific output port to receive an optical beam from a corresponding one specific mirror in at least one array of actuated mirrors.

110. An optical switch, comprising:

an array of actuated mirrors configured for switching an optical beam from any input port to any output port;

wherein said optical switch is configured for a specific output port to receive an optical beam from a corresponding one specific mirror in at least one array of actuated mirrors.

111. An optical switch, comprising:

at least one array of actuated mirrors configured for switching an optical beam from an input port to an output port;

wherein said optical switch is configured for a specific output port to receive an optical beam from a corresponding one specific mirror in at least one array of actuated mirrors.

112. An optical switch, comprising:

at least one array of actuated mirrors configured for switching an optical beam from at least one input port to at least one output port;

wherein said optical switch is configured for a specific output port to receive an

optical beam from a corresponding one specific mirror in at least one array of actuated mirrors.

113. An optical switch, comprising:
at least one array of actuated mirrors configured for switching an optical beam from any input port to any output port;
wherein said optical switch is configured for a specific output port to receive an optical beam from a corresponding one specific mirror in at least one array of actuated mirrors.

114. An optical switch, comprising:
an array of actuated mirrors configured for switching an optical beam from an input port to an output port;
wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port; and
wherein said optical switch is further configured for a specific output port to receive an optical beam from a corresponding one specific mirror in said at least one array of actuated mirrors.

115. An optical switch, comprising:
an array of actuated mirrors configured for switching an optical beam from at least one input port to at least one output port;

wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port; and

wherein said optical switch is further configured for a specific output port to receive an optical beam from a corresponding one specific mirror in said at least one array of actuated mirrors.

116. An optical switch, comprising:

an array of actuated mirrors configured for switching an optical beam from any input port to any output port;

wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port; and

wherein said optical switch is further configured for a specific output port to receive an optical beam from a corresponding one specific mirror in said at least one array of actuated mirrors.

117. An optical switch, comprising:

at least one array of actuated mirrors configured for switching an optical beam from an input port to an output port;

wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port; and

wherein said optical switch is further configured for a specific output port to receive an optical beam from a corresponding one specific mirror in said at least one array of actuated mirrors.

118. An optical switch, comprising:

at least one array of actuated mirrors configured for switching an optical beam from at least one input port to at least one output port;

wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port; and

wherein said optical switch is further configured for a specific output port to receive an optical beam from a corresponding one specific mirror in said at least one array of actuated mirrors.

119. An optical switch, comprising:

at least one array of actuated mirrors configured for switching an optical beam from any input port to any output port;

wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port; and

wherein said optical switch is further configured for a specific output port to receive an optical beam from a corresponding one specific mirror in said at least one array of actuated mirrors.

120. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port;
- (c) an array of actuated mirrors configured for switching an optical beam from an input port to an output port; and
- (d) at least one imaging component configured for positioning said optical beam onto at least one array of actuated mirrors.

121. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port;
- (c) an array of actuated mirrors configured for switching an optical beam from at least one said input port to at least one said output port; and
- (d) at least one imaging component configured for positioning said optical beam onto at least one array of actuated mirrors.

122. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port;
- (c) an array of actuated mirrors configured for switching an optical beam from any said input port to any said output port; and
- (d) at least one imaging component configured for positioning said optical beam onto at least one array of actuated mirrors.

123. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port;
- (c) at least one array of actuated mirrors configured for switching an optical beam from an input port to an output port; and
- (d) at least one imaging component configured for positioning said optical beam onto at least one array of actuated mirrors.

124. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port;
- (c) at least one array of actuated mirrors configured for switching an optical beam from at least one said input port to at least one said output port; and
- (d) at least one imaging component configured for positioning said optical beam onto at least one array of actuated mirrors.

125. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port;
- (c) at least one array of actuated mirrors configured for switching an optical beam from any said input port to any said output port; and
- (d) at least one imaging component configured for positioning said optical beam onto at least one array of actuated mirrors.

126. An optical switch as recited in claim 120, 121, 122, 123, 124 or 125,
wherein said imaging component comprises at least one lens.

127. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port; and
- (c) an array of actuated mirrors configured for switching an optical beam from
an input port to an output port;

(d) wherein said optical switch is configured for a specific mirror in at least
one array of actuated mirrors to receive an optical beam from a corresponding one
specific input port.

128. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port; and
- (c) an array of actuated mirrors configured for switching an optical beam from
at least one said input port to at least one said output port;

(d) wherein said optical switch is configured for a specific mirror in at least
one array of actuated mirrors to receive an optical beam from a corresponding one
specific input port.

129. An optical switch, comprising:

- (a) at least one input port;

- (b) at least one output port; and
- (c) an array of actuated mirrors configured for switching an optical beam from any said input port to any said output port;
- (d) wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port.

130. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port; and
- (c) at least one array of actuated mirrors configured for switching an optical beam from an input port to an output port;
- (d) wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port.

131. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port; and
- (c) at least one array of actuated mirrors configured for switching an optical beam from at least one said input port to at least one said output port; and
- (d) wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one

specific input port.

132. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port; and
- (c) at least one array of actuated mirrors configured for switching an optical

beam from any said input port to any said output port;

(d) wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port.

133. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port; and
- (c) an array of actuated mirrors configured for switching an optical beam from

an input port to an output port;

(d) wherein said optical switch is configured for a specific output port to receive an optical beam from a corresponding one specific mirror in at least one array of actuated mirrors.

134. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port; and

(c) an array of actuated mirrors configured for switching an optical beam from at least one said input port to at least one said output port;

(d) wherein said optical switch is configured for a specific output port to receive an optical beam from a corresponding one specific mirror in at least one array of actuated mirrors.

135. An optical switch, comprising:

(a) at least one input port;

(b) at least one output port; and

(c) an array of actuated mirrors configured for switching an optical beam from any said input port to any said output port;

(d) wherein said optical switch is configured for a specific output port to receive an optical beam from a corresponding one specific mirror in at least one array of actuated mirrors.

136. An optical switch, comprising:

(a) at least one input port;

(b) at least one output port; and

(c) at least one array of actuated mirrors configured for switching an optical beam from an input port to an output port;

(d) wherein said optical switch is configured for a specific output port to receive an optical beam from a corresponding one specific mirror in at least one array of actuated mirrors.

137. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port; and
- (c) at least one array of actuated mirrors configured for switching an optical beam from at least one said input port to at least one said output port;
- (d) wherein said optical switch is configured for a specific output port to receive an optical beam from a corresponding one specific mirror in at least one array of actuated mirrors.

138. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port; and
- (c) at least one array of actuated mirrors configured for switching an optical beam from any said input port to any said output port;
- (d) wherein said optical switch is configured for a specific output port to receive an optical beam from a corresponding one specific mirror in at least one array of actuated mirrors.

139. An optical switch, comprising:

- (a) at least one input port;
- (b) at least one output port; and
- (c) an array of actuated mirrors configured for switching an optical beam from an input port to an output port;

(d) wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port; and

(e) wherein said optical switch is further configured for a specific output port to receive an optical beam from a corresponding one specific mirror in said at least one array of actuated mirrors.

140. An optical switch, comprising:

(a) at least one input port;

(b) at least one output port; and

(c) an array of actuated mirrors configured for switching an optical beam from at least one said input port to at least one said output port;

(d) wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port; and

(e) wherein said optical switch is further configured for a specific output port to receive an optical beam from a corresponding one specific mirror in said at least one array of actuated mirrors.

141. An optical switch, comprising:

(a) at least one input port;

(b) at least one output port; and

(c) an array of actuated mirrors configured for switching an optical beam from

any said input port to any said output port;

(d) wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port; and

(e) wherein said optical switch is further configured for a specific output port to receive an optical beam from a corresponding one specific mirror in said at least one array of actuated mirrors.

142. An optical switch, comprising:

(a) at least one input port;

(b) at least one output port; and

(c) at least one array of actuated mirrors configured for switching an optical beam from an input port to an output port;

(d) wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port; and

(e) wherein said optical switch is further configured for a specific output port to receive an optical beam from a corresponding one specific mirror in said at least one array of actuated mirrors.

143. An optical switch, comprising:

(a) at least one input port;

(b) at least one output port; and

(c) at least one array of actuated mirrors configured for switching an optical beam from at least one said input port to at least one said output port;

(d) wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port; and

(e) wherein said optical switch is further configured for a specific output port to receive an optical beam from a corresponding one specific mirror in said at least one array of actuated mirrors.

144. An optical switch, comprising:

(a) at least one input port;

(b) at least one output port; and

(c) at least one array of actuated mirrors configured for switching an optical beam from any said input port to any said output port;

(d) wherein said optical switch is configured for a specific mirror in at least one array of actuated mirrors to receive an optical beam from a corresponding one specific input port; and

(e) wherein said optical switch is further configured for a specific output port to receive an optical beam from a corresponding one specific mirror in said at least one array of actuated mirrors.
